

October 19, 2018

Derek Ingram  
XDD, LLC  
11171 Forest Haven Road  
Festus, MO 63028  
TEL: (314) 609-3065  
FAX:



**RE:** Huster Road GW October 2018

**WorkOrder:** 18101139

Dear Derek Ingram:

TEKLAB, INC received 7 samples on 10/16/2018 1:30:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Michael L. Austin  
Project Manager  
(618)344-1004 ex 16  
[MAustin@teklabinc.com](mailto:MAustin@teklabinc.com)

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

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### Abbr Definition

\* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surrogate Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count ( > 200 CFU )

### Qualifiers

# - Unknown hydrocarbon

B - Analyte detected in associated Method Blank

C - RL shown is a Client Requested Quantitation Limit

E - Value above quantitation range

H - Holding times exceeded

I - Associated internal standard was outside method criteria

J - Analyte detected below quantitation limits

M - Manual Integration used to determine area response

ND - Not Detected at the Reporting Limit

R - RPD outside accepted recovery limits

S - Spike Recovery outside recovery limits

T - TIC(Tentatively identified compound)

X - Value exceeds Maximum Contaminant Level



## Case Narrative

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Client Project:** Huster Road GW October 2018

**Work Order:** 18101139

**Report Date:** 19-Oct-2018

**Cooler Receipt Temp:** 6.82 °C

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### Locations

<b>Collinsville</b>	
<b>Address</b>	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
<b>Phone</b>	(618) 344-1004
<b>Fax</b>	(618) 344-1005
<b>Email</b>	jhriley@teklabinc.com

<b>Collinsville Air</b>	
<b>Address</b>	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
<b>Phone</b>	(618) 344-1004
<b>Fax</b>	(618) 344-1005
<b>Email</b>	EHurley@teklabinc.com

<b>Springfield</b>	
<b>Address</b>	3920 Pintail Dr Springfield, IL 62711-9415
<b>Phone</b>	(217) 698-1004
<b>Fax</b>	(217) 698-1005
<b>Email</b>	KKlostermann@teklabinc.com

  

<b>Chicago</b>	
<b>Address</b>	1319 Butterfield Rd. Downers Grove, IL 60515
<b>Phone</b>	(630) 324-6855
<b>Fax</b>	
<b>Email</b>	arenner@teklabinc.com

<b>Kansas City</b>	
<b>Address</b>	8421 Nieman Road Lenexa, KS 66214
<b>Phone</b>	(913) 541-1998
<b>Fax</b>	(913) 541-1998
<b>Email</b>	jhriley@teklabinc.com

**Client:** XDD, LLC

**Work Order:** 18101139

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<b>State</b>	<b>Dept</b>	<b>Cert #</b>	<b>NELAP</b>	<b>Exp Date</b>	<b>Lab</b>
Illinois	IEPA	100226	NELAP	1/31/2019	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2019	Collinsville
Louisiana	LDEQ	166493	NELAP	6/30/2019	Collinsville
Louisiana	LDEQ	166578	NELAP	6/30/2019	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2019	Collinsville
Arkansas	ADEQ	88-0966		3/14/2019	Collinsville
Illinois	IDPH	17584		5/31/2019	Collinsville
Indiana	ISDH	C-IL-06		1/31/2019	Collinsville
Kentucky	KDEP	98006		12/31/2018	Collinsville
Kentucky	UST	0073		1/31/2019	Collinsville
Louisiana	LDPH	LA170027		12/31/2018	Collinsville
Missouri	MDNR	930		1/31/2019	Collinsville
Missouri	MDNR	00930		5/31/2019	Collinsville
Tennessee	TDEC	04905		1/31/2019	Collinsville

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-001

**Client Sample ID:** MW9

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,1,1-Trichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,1,2,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		ND	µg/L	1	10/18/2018 16:19	146910
1,1,2-Trichloroethane	NELAP	0.5		ND	µg/L	1	10/18/2018 16:19	146910
1,1-Dichloro-2-propanone	*	30.0		ND	µg/L	1	10/18/2018 16:19	146910
1,1-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,1-Dichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,1-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,2,3-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,2,3-Trichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,2,3-Trimethylbenzene	*	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,2,4-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,2,4-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,2-Dibromo-3-chloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,2-Dibromoethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,2-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,2-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,3,5-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,3-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,3-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1,4-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
1-Chlorobutane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
2,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
2-Butanone	NELAP	10.0		ND	µg/L	1	10/18/2018 16:19	146910
2-Chloroethyl vinyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
2-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
2-Hexanone	NELAP	10.0		ND	µg/L	1	10/18/2018 16:19	146910
2-Nitropropane	NELAP	10.0		ND	µg/L	1	10/18/2018 16:19	146910
4-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
4-Methyl-2-pentanone	NELAP	10.0		ND	µg/L	1	10/18/2018 16:19	146910
Acetone	NELAP	10.0		21.4	µg/L	1	10/18/2018 16:19	146910
Acetonitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 16:19	146910
Acrolein	NELAP	20.0		ND	µg/L	1	10/18/2018 16:19	146910
Acrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Allyl chloride	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Benzene	NELAP	0.5		ND	µg/L	1	10/18/2018 16:19	146910
Bromobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Bromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Bromodichloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Bromoform	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Bromomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Carbon disulfide	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Carbon tetrachloride	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Chlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Chloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-001

**Client Sample ID:** MW9

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Chloroform	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Chloromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Chloroprene	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
cis-1,2-Dichloroethene	NELAP	2.0		3.8	µg/L	1	10/18/2018 16:19	146910
cis-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
cis-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Cyclohexanone	*	10.0		ND	µg/L	1	10/18/2018 16:19	146910
Dibromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Dibromomethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Dichlorodifluoromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Ethyl acetate	NELAP	10.0		ND	µg/L	1	10/18/2018 16:19	146910
Ethyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Ethyl methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Ethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Hexachlorobutadiene	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Hexachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Iodomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Isopropylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
m,p-Xylenes	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Methacrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Methyl Methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Methyl tert-butyl ether	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Methylacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Methylene chloride	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Naphthalene	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
n-Butyl acetate	*	2.0		ND	µg/L	1	10/18/2018 16:19	146910
n-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
n-Heptane	*	5.0		ND	µg/L	1	10/18/2018 16:19	146910
n-Hexane	*	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Nitrobenzene	NELAP	50.0		ND	µg/L	1	10/18/2018 16:19	146910
n-Propylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
o-Xylene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Pentachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
p-Isopropyltoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Propionitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 16:19	146910
sec-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Styrene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
tert-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Tetrachloroethene	NELAP	0.5		ND	µg/L	1	10/18/2018 16:19	146910
Tetrahydrofuran	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Toluene	NELAP	2.0	J	0.2	µg/L	1	10/18/2018 16:19	146910
trans-1,2-Dichloroethene	NELAP	2.0	J	0.1	µg/L	1	10/18/2018 16:19	146910
trans-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
trans-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Trichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Trichlorofluoromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910
Vinyl acetate	NELAP	5.0		ND	µg/L	1	10/18/2018 16:19	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-001

**Client Sample ID:** MW9

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 8:50

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Vinyl chloride	NELAP	2.0		ND	µg/L	1	10/18/2018 16:19	146910
Surr: 1,2-Dichloroethane-d4	*	79.6-118		95.3	%REC	1	10/18/2018 16:19	146910
Surr: 4-Bromofluorobenzene	*	83.9-115		96.9	%REC	1	10/18/2018 16:19	146910
Surr: Dibromofluoromethane	*	84.9-113		96.8	%REC	1	10/18/2018 16:19	146910
Surr: Toluene-d8	*	86.7-112		94.8	%REC	1	10/18/2018 16:19	146910

*Allowable Marginal Exceedance of Acetone and Acetonitrile in the laboratory control sample is verified per the TNI Standard.*

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-002

**Client Sample ID:** MW14

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 9:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,1,1-Trichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,1,2,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		ND	µg/L	1	10/18/2018 16:45	146910
1,1,2-Trichloroethane	NELAP	0.5		ND	µg/L	1	10/18/2018 16:45	146910
1,1-Dichloro-2-propanone	*	30.0		ND	µg/L	1	10/18/2018 16:45	146910
1,1-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,1-Dichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,1-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,2,3-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,2,3-Trichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,2,3-Trimethylbenzene	*	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,2,4-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,2,4-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,2-Dibromo-3-chloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,2-Dibromoethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,2-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,2-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,3,5-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,3-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,3-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1,4-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
1-Chlorobutane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
2,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
2-Butanone	NELAP	10.0		21.8	µg/L	1	10/18/2018 16:45	146910
2-Chloroethyl vinyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
2-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
2-Hexanone	NELAP	10	J	3.0	µg/L	1	10/18/2018 16:45	146910
2-Nitropropane	NELAP	10.0		ND	µg/L	1	10/18/2018 16:45	146910
4-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
4-Methyl-2-pentanone	NELAP	10	J	4.6	µg/L	1	10/18/2018 16:45	146910
Acetone	NELAP	10.0		444	µg/L	1	10/18/2018 16:45	146910
Acetonitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 16:45	146910
Acrolein	NELAP	20.0		ND	µg/L	1	10/18/2018 16:45	146910
Acrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Allyl chloride	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Benzene	NELAP	0.5	J	0.3	µg/L	1	10/18/2018 16:45	146910
Bromobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Bromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Bromodichloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Bromoform	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Bromomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Carbon disulfide	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Carbon tetrachloride	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Chlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Chloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-002

**Client Sample ID:** MW14

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 9:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Chloroform	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Chloromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Chloroprene	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
cis-1,2-Dichloroethene	NELAP	2.0		2.6	µg/L	1	10/18/2018 16:45	146910
cis-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
cis-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Cyclohexanone	*	10.0		ND	µg/L	1	10/18/2018 16:45	146910
Dibromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Dibromomethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Dichlorodifluoromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Ethyl acetate	NELAP	10.0		ND	µg/L	1	10/18/2018 16:45	146910
Ethyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Ethyl methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Ethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Hexachlorobutadiene	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Hexachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Iodomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Isopropylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
m,p-Xylenes	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Methacrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Methyl Methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Methyl tert-butyl ether	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Methylacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Methylene chloride	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Naphthalene	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
n-Butyl acetate	*	2.0		ND	µg/L	1	10/18/2018 16:45	146910
n-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
n-Heptane	*	5.0		ND	µg/L	1	10/18/2018 16:45	146910
n-Hexane	*	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Nitrobenzene	NELAP	50.0		ND	µg/L	1	10/18/2018 16:45	146910
n-Propylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
o-Xylene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Pentachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
p-Isopropyltoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Propionitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 16:45	146910
sec-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Styrene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
tert-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Tetrachloroethene	NELAP	0.5		ND	µg/L	1	10/18/2018 16:45	146910
Tetrahydrofuran	NELAP	5.0	J	3.8	µg/L	1	10/18/2018 16:45	146910
Toluene	NELAP	2.0	J	0.4	µg/L	1	10/18/2018 16:45	146910
trans-1,2-Dichloroethene	NELAP	2.0	J	0.5	µg/L	1	10/18/2018 16:45	146910
trans-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
trans-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Trichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 16:45	146910
Trichlorofluoromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910
Vinyl acetate	NELAP	5.0		ND	µg/L	1	10/18/2018 16:45	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-002

**Client Sample ID:** MW14

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 9:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Vinyl chloride	NELAP	2.0		14.7	µg/L	1	10/18/2018 16:45	146910
Surr: 1,2-Dichloroethane-d4	*	79.6-118		93.5	%REC	1	10/18/2018 16:45	146910
Surr: 4-Bromofluorobenzene	*	83.9-115		97.1	%REC	1	10/18/2018 16:45	146910
Surr: Dibromofluoromethane	*	84.9-113		96.4	%REC	1	10/18/2018 16:45	146910
Surr: Toluene-d8	*	86.7-112		96.0	%REC	1	10/18/2018 16:45	146910

*Allowable Marginal Exceedance of Acetone and Acetonitrile in the laboratory control sample is verified per the TNI Standard.*

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-003

**Client Sample ID:** MW14-Dup

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 9:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,1,1-Trichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,1,2,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		ND	µg/L	1	10/18/2018 17:12	146910
1,1,2-Trichloroethane	NELAP	0.5		ND	µg/L	1	10/18/2018 17:12	146910
1,1-Dichloro-2-propanone	*	30.0		ND	µg/L	1	10/18/2018 17:12	146910
1,1-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,1-Dichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,1-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,2,3-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,2,3-Trichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,2,3-Trimethylbenzene	*	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,2,4-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,2,4-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,2-Dibromo-3-chloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,2-Dibromoethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,2-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,2-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,3,5-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,3-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,3-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1,4-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
1-Chlorobutane	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
2,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
2-Butanone	NELAP	10.0		25.4	µg/L	1	10/18/2018 17:12	146910
2-Chloroethyl vinyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
2-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
2-Hexanone	NELAP	10	J	3.5	µg/L	1	10/18/2018 17:12	146910
2-Nitropropane	NELAP	10.0		ND	µg/L	1	10/18/2018 17:12	146910
4-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
4-Methyl-2-pentanone	NELAP	10	J	5.7	µg/L	1	10/18/2018 17:12	146910
Acetone	NELAP	10.0		517	µg/L	1	10/18/2018 17:12	146910
Acetonitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 17:12	146910
Acrolein	NELAP	20.0		ND	µg/L	1	10/18/2018 17:12	146910
Acrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Allyl chloride	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Benzene	NELAP	0.5	J	0.3	µg/L	1	10/18/2018 17:12	146910
Bromobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Bromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Bromodichloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Bromoform	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Bromomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Carbon disulfide	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Carbon tetrachloride	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Chlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Chloroethane	NELAP	2.0	J	0.6	µg/L	1	10/18/2018 17:12	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-003

**Client Sample ID:** MW14-Dup

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 9:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Chloroform	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Chloromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Chloroprene	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
cis-1,2-Dichloroethene	NELAP	2.0		3.3	µg/L	1	10/18/2018 17:12	146910
cis-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
cis-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Cyclohexanone	*	10.0		ND	µg/L	1	10/18/2018 17:12	146910
Dibromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Dibromomethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Dichlorodifluoromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Ethyl acetate	NELAP	10.0		ND	µg/L	1	10/18/2018 17:12	146910
Ethyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Ethyl methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Ethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Hexachlorobutadiene	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Hexachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Iodomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Isopropylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
m,p-Xylenes	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Methacrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Methyl Methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Methyl tert-butyl ether	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Methylacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Methylene chloride	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Naphthalene	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
n-Butyl acetate	*	2.0		ND	µg/L	1	10/18/2018 17:12	146910
n-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
n-Heptane	*	5.0		ND	µg/L	1	10/18/2018 17:12	146910
n-Hexane	*	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Nitrobenzene	NELAP	50.0		ND	µg/L	1	10/18/2018 17:12	146910
n-Propylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
o-Xylene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Pentachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
p-Isopropyltoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Propionitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 17:12	146910
sec-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Styrene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
tert-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Tetrachloroethene	NELAP	0.5		ND	µg/L	1	10/18/2018 17:12	146910
Tetrahydrofuran	NELAP	5.0	J	4.0	µg/L	1	10/18/2018 17:12	146910
Toluene	NELAP	2.0	J	0.4	µg/L	1	10/18/2018 17:12	146910
trans-1,2-Dichloroethene	NELAP	2.0	J	0.5	µg/L	1	10/18/2018 17:12	146910
trans-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
trans-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Trichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 17:12	146910
Trichlorofluoromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910
Vinyl acetate	NELAP	5.0		ND	µg/L	1	10/18/2018 17:12	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-003

**Client Sample ID:** MW14-Dup

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 9:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Vinyl chloride	NELAP	2.0		18.1	µg/L	1	10/18/2018 17:12	146910
Surr: 1,2-Dichloroethane-d4	*	79.6-118		95.3	%REC	1	10/18/2018 17:12	146910
Surr: 4-Bromofluorobenzene	*	83.9-115		95.9	%REC	1	10/18/2018 17:12	146910
Surr: Dibromofluoromethane	*	84.9-113		96.7	%REC	1	10/18/2018 17:12	146910
Surr: Toluene-d8	*	86.7-112		95.6	%REC	1	10/18/2018 17:12	146910

*Allowable Marginal Exceedance of Acetone and Acetonitrile in the laboratory control sample is verified per the TNI Standard.*

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-004

**Client Sample ID:** MW13

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 10:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,1,1-Trichloroethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,1,2,2-Tetrachloroethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,1,2-Trichloro-1,2,2-trifluoroethane	*	500		ND	µg/L	100	10/18/2018 17:38	146910
1,1,2-Trichloroethane	NELAP	50.0		ND	µg/L	100	10/18/2018 17:38	146910
1,1-Dichloro-2-propanone	*	3000		ND	µg/L	100	10/18/2018 17:38	146910
1,1-Dichloroethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,1-Dichloroethene	NELAP	200	J	24	µg/L	100	10/18/2018 17:38	146910
1,1-Dichloropropene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,2,3-Trichlorobenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,2,3-Trichloropropane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,2,3-Trimethylbenzene	*	200		ND	µg/L	100	10/18/2018 17:38	146910
1,2,4-Trichlorobenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,2,4-Trimethylbenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,2-Dibromo-3-chloropropane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,2-Dibromoethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,2-Dichlorobenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,2-Dichloroethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,2-Dichloropropane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,3,5-Trimethylbenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,3-Dichlorobenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,3-Dichloropropane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1,4-Dichlorobenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
1-Chlorobutane	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
2,2-Dichloropropane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
2-Butanone	NELAP	1000		ND	µg/L	100	10/18/2018 17:38	146910
2-Chloroethyl vinyl ether	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
2-Chlorotoluene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
2-Hexanone	NELAP	1000		ND	µg/L	100	10/18/2018 17:38	146910
2-Nitropropane	NELAP	1000		ND	µg/L	100	10/18/2018 17:38	146910
4-Chlorotoluene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
4-Methyl-2-pentanone	NELAP	1000		ND	µg/L	100	10/18/2018 17:38	146910
Acetone	NELAP	1000		ND	µg/L	100	10/18/2018 17:38	146910
Acetonitrile	NELAP	1000		ND	µg/L	100	10/18/2018 17:38	146910
Acrolein	NELAP	2000		ND	µg/L	100	10/18/2018 17:38	146910
Acrylonitrile	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Allyl chloride	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Benzene	NELAP	50.0		ND	µg/L	100	10/18/2018 17:38	146910
Bromobenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Bromochloromethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Bromodichloromethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Bromoform	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Bromomethane	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Carbon disulfide	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Carbon tetrachloride	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Chlorobenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Chloroethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-004

**Client Sample ID:** MW13

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 10:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Chloroform	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Chloromethane	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Chloroprene	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
cis-1,2-Dichloroethene	NELAP	200		12800	µg/L	100	10/18/2018 17:38	146910
cis-1,3-Dichloropropene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
cis-1,4-Dichloro-2-butene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Cyclohexanone	*	1000		ND	µg/L	100	10/18/2018 17:38	146910
Dibromochloromethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Dibromomethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Dichlorodifluoromethane	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Ethyl acetate	NELAP	1000		ND	µg/L	100	10/18/2018 17:38	146910
Ethyl ether	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Ethyl methacrylate	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Ethylbenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Hexachlorobutadiene	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Hexachloroethane	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Iodomethane	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Isopropylbenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
m,p-Xylenes	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Methacrylonitrile	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Methyl Methacrylate	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Methyl tert-butyl ether	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Methylacrylate	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Methylene chloride	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Naphthalene	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
n-Butyl acetate	*	200		ND	µg/L	100	10/18/2018 17:38	146910
n-Butylbenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
n-Heptane	*	500		ND	µg/L	100	10/18/2018 17:38	146910
n-Hexane	*	500		ND	µg/L	100	10/18/2018 17:38	146910
Nitrobenzene	NELAP	5000		ND	µg/L	100	10/18/2018 17:38	146910
n-Propylbenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
o-Xylene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Pentachloroethane	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
p-Isopropyltoluene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Propionitrile	NELAP	1000		ND	µg/L	100	10/18/2018 17:38	146910
sec-Butylbenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Styrene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
tert-Butylbenzene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Tetrachloroethene	NELAP	50.0		ND	µg/L	100	10/18/2018 17:38	146910
Tetrahydrofuran	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Toluene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
trans-1,2-Dichloroethene	NELAP	200	J	110	µg/L	100	10/18/2018 17:38	146910
trans-1,3-Dichloropropene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
trans-1,4-Dichloro-2-butene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Trichloroethene	NELAP	200		ND	µg/L	100	10/18/2018 17:38	146910
Trichlorofluoromethane	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910
Vinyl acetate	NELAP	500		ND	µg/L	100	10/18/2018 17:38	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-004

**Client Sample ID:** MW13

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 10:24

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Vinyl chloride	NELAP	200		7070	µg/L	100	10/18/2018 17:38	146910
Surr: 1,2-Dichloroethane-d4	*	79.6-118		95.2	%REC	100	10/18/2018 17:38	146910
Surr: 4-Bromofluorobenzene	*	83.9-115		96.9	%REC	100	10/18/2018 17:38	146910
Surr: Dibromofluoromethane	*	84.9-113		96.7	%REC	100	10/18/2018 17:38	146910
Surr: Toluene-d8	*	86.7-112		95.8	%REC	100	10/18/2018 17:38	146910

*Elevated reporting limit due to high levels of target and/or non-target analytes.*

*Allowable Marginal Exceedance of Acetone and Acetonitrile in the laboratory control sample is verified per the TNI Standard.*

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-005

**Client Sample ID:** MW12

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,1,1-Trichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,1,2,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		ND	µg/L	1	10/18/2018 18:05	146910
1,1,2-Trichloroethane	NELAP	0.5		ND	µg/L	1	10/18/2018 18:05	146910
1,1-Dichloro-2-propanone	*	30.0		ND	µg/L	1	10/18/2018 18:05	146910
1,1-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,1-Dichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,1-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,2,3-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,2,3-Trichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,2,3-Trimethylbenzene	*	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,2,4-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,2,4-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,2-Dibromo-3-chloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,2-Dibromoethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,2-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,2-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,3,5-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,3-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,3-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1,4-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
1-Chlorobutane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
2,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
2-Butanone	NELAP	10.0		11.8	µg/L	1	10/18/2018 18:05	146910
2-Chloroethyl vinyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
2-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
2-Hexanone	NELAP	10	J	2.2	µg/L	1	10/18/2018 18:05	146910
2-Nitropropane	NELAP	10.0		ND	µg/L	1	10/18/2018 18:05	146910
4-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
4-Methyl-2-pentanone	NELAP	10.0		11.2	µg/L	1	10/18/2018 18:05	146910
Acetone	NELAP	10.0		449	µg/L	1	10/18/2018 18:05	146910
Acetonitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 18:05	146910
Acrolein	NELAP	20.0		ND	µg/L	1	10/18/2018 18:05	146910
Acrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Allyl chloride	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Benzene	NELAP	0.5		ND	µg/L	1	10/18/2018 18:05	146910
Bromobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Bromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Bromodichloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Bromoform	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Bromomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Carbon disulfide	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Carbon tetrachloride	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Chlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Chloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-005

**Client Sample ID:** MW12

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Chloroform	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Chloromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Chloroprene	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
cis-1,2-Dichloroethene	NELAP	2.0	J	0.8	µg/L	1	10/18/2018 18:05	146910
cis-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
cis-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Cyclohexanone	*	10.0		ND	µg/L	1	10/18/2018 18:05	146910
Dibromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Dibromomethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Dichlorodifluoromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Ethyl acetate	NELAP	10.0		ND	µg/L	1	10/18/2018 18:05	146910
Ethyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Ethyl methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Ethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Hexachlorobutadiene	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Hexachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Iodomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Isopropylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
m,p-Xylenes	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Methacrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Methyl Methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Methyl tert-butyl ether	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Methylacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Methylene chloride	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Naphthalene	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
n-Butyl acetate	*	2.0		ND	µg/L	1	10/18/2018 18:05	146910
n-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
n-Heptane	*	5.0		ND	µg/L	1	10/18/2018 18:05	146910
n-Hexane	*	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Nitrobenzene	NELAP	50.0		ND	µg/L	1	10/18/2018 18:05	146910
n-Propylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
o-Xylene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Pentachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
p-Isopropyltoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Propionitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 18:05	146910
sec-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Styrene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
tert-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Tetrachloroethene	NELAP	0.5		ND	µg/L	1	10/18/2018 18:05	146910
Tetrahydrofuran	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Toluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
trans-1,2-Dichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
trans-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
trans-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Trichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:05	146910
Trichlorofluoromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910
Vinyl acetate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:05	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-005

**Client Sample ID:** MW12

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 11:00

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Vinyl chloride	NELAP	2.0	J	0.4	µg/L	1	10/18/2018 18:05	146910
Surr: 1,2-Dichloroethane-d4	*	79.6-118		94.0	%REC	1	10/18/2018 18:05	146910
Surr: 4-Bromofluorobenzene	*	83.9-115		96.4	%REC	1	10/18/2018 18:05	146910
Surr: Dibromofluoromethane	*	84.9-113		95.9	%REC	1	10/18/2018 18:05	146910
Surr: Toluene-d8	*	86.7-112		95.4	%REC	1	10/18/2018 18:05	146910

*Allowable Marginal Exceedance of Acetone and Acetonitrile in the laboratory control sample is verified per the TNI Standard.*

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-006

**Client Sample ID:** MW11

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 11:26

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,1,1-Trichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,1,2,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		ND	µg/L	1	10/18/2018 18:31	146910
1,1,2-Trichloroethane	NELAP	0.5		ND	µg/L	1	10/18/2018 18:31	146910
1,1-Dichloro-2-propanone	*	30.0		ND	µg/L	1	10/18/2018 18:31	146910
1,1-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,1-Dichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,1-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,2,3-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,2,3-Trichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,2,3-Trimethylbenzene	*	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,2,4-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,2,4-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,2-Dibromo-3-chloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,2-Dibromoethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,2-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,2-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,3,5-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,3-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,3-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1,4-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
1-Chlorobutane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
2,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
2-Butanone	NELAP	10	J	6.9	µg/L	1	10/18/2018 18:31	146910
2-Chloroethyl vinyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
2-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
2-Hexanone	NELAP	10.0		ND	µg/L	1	10/18/2018 18:31	146910
2-Nitropropane	NELAP	10.0		ND	µg/L	1	10/18/2018 18:31	146910
4-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
4-Methyl-2-pentanone	NELAP	10	J	0.5	µg/L	1	10/18/2018 18:31	146910
Acetone	NELAP	10.0		79.4	µg/L	1	10/18/2018 18:31	146910
Acetonitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 18:31	146910
Acrolein	NELAP	20.0		ND	µg/L	1	10/18/2018 18:31	146910
Acrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Allyl chloride	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Benzene	NELAP	0.5		ND	µg/L	1	10/18/2018 18:31	146910
Bromobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Bromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Bromodichloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Bromoform	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Bromomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Carbon disulfide	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Carbon tetrachloride	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Chlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Chloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-006

**Client Sample ID:** MW11

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 11:26

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Chloroform	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Chloromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Chloroprene	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
cis-1,2-Dichloroethene	NELAP	2.0	J	1.1	µg/L	1	10/18/2018 18:31	146910
cis-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
cis-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Cyclohexanone	*	10.0		ND	µg/L	1	10/18/2018 18:31	146910
Dibromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Dibromomethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Dichlorodifluoromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Ethyl acetate	NELAP	10.0		ND	µg/L	1	10/18/2018 18:31	146910
Ethyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Ethyl methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Ethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Hexachlorobutadiene	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Hexachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Iodomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Isopropylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
m,p-Xylenes	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Methacrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Methyl Methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Methyl tert-butyl ether	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Methylacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Methylene chloride	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Naphthalene	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
n-Butyl acetate	*	2.0		ND	µg/L	1	10/18/2018 18:31	146910
n-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
n-Heptane	*	5.0		ND	µg/L	1	10/18/2018 18:31	146910
n-Hexane	*	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Nitrobenzene	NELAP	50.0		ND	µg/L	1	10/18/2018 18:31	146910
n-Propylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
o-Xylene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Pentachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
p-Isopropyltoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Propionitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 18:31	146910
sec-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Styrene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
tert-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Tetrachloroethene	NELAP	0.5		ND	µg/L	1	10/18/2018 18:31	146910
Tetrahydrofuran	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Toluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
trans-1,2-Dichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
trans-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
trans-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Trichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:31	146910
Trichlorofluoromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910
Vinyl acetate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:31	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-006

**Client Sample ID:** MW11

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 11:26

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Vinyl chloride	NELAP	2.0	J	1.0	µg/L	1	10/18/2018 18:31	146910
Surr: 1,2-Dichloroethane-d4	*	79.6-118		95.2	%REC	1	10/18/2018 18:31	146910
Surr: 4-Bromofluorobenzene	*	83.9-115		96.2	%REC	1	10/18/2018 18:31	146910
Surr: Dibromofluoromethane	*	84.9-113		96.9	%REC	1	10/18/2018 18:31	146910
Surr: Toluene-d8	*	86.7-112		94.7	%REC	1	10/18/2018 18:31	146910

*Allowable Marginal Exceedance of Acetone and Acetonitrile in the laboratory control sample is verified per the TNI Standard.*

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-007

**Client Sample ID:** MW2

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 8:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
1,1,1,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,1,1-Trichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,1,2,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,1,2-Trichloro-1,2,2-trifluoroethane	*	5.0		ND	µg/L	1	10/18/2018 18:57	146910
1,1,2-Trichloroethane	NELAP	0.5		ND	µg/L	1	10/18/2018 18:57	146910
1,1-Dichloro-2-propanone	*	30.0		ND	µg/L	1	10/18/2018 18:57	146910
1,1-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,1-Dichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,1-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,2,3-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,2,3-Trichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,2,3-Trimethylbenzene	*	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,2,4-Trichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,2,4-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,2-Dibromo-3-chloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,2-Dibromoethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,2-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,2-Dichloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,3,5-Trimethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,3-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,3-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1,4-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
1-Chlorobutane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
2,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
2-Butanone	NELAP	10.0		ND	µg/L	1	10/18/2018 18:57	146910
2-Chloroethyl vinyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
2-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
2-Hexanone	NELAP	10.0		ND	µg/L	1	10/18/2018 18:57	146910
2-Nitropropane	NELAP	10.0		ND	µg/L	1	10/18/2018 18:57	146910
4-Chlorotoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
4-Methyl-2-pentanone	NELAP	10.0		ND	µg/L	1	10/18/2018 18:57	146910
Acetone	NELAP	10.0		ND	µg/L	1	10/18/2018 18:57	146910
Acetonitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 18:57	146910
Acrolein	NELAP	20.0		ND	µg/L	1	10/18/2018 18:57	146910
Acrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Allyl chloride	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Benzene	NELAP	0.5		ND	µg/L	1	10/18/2018 18:57	146910
Bromobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Bromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Bromodichloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Bromoform	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Bromomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Carbon disulfide	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Carbon tetrachloride	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Chlorobenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Chloroethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-007

**Client Sample ID:** MW2

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 8:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Chloroform	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Chloromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Chloroprene	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
cis-1,2-Dichloroethene	NELAP	2.0	J	0.7	µg/L	1	10/18/2018 18:57	146910
cis-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
cis-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Cyclohexanone	*	10.0		ND	µg/L	1	10/18/2018 18:57	146910
Dibromochloromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Dibromomethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Dichlorodifluoromethane	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Ethyl acetate	NELAP	10.0		ND	µg/L	1	10/18/2018 18:57	146910
Ethyl ether	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Ethyl methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Ethylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Hexachlorobutadiene	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Hexachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Iodomethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Isopropylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
m,p-Xylenes	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Methacrylonitrile	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Methyl Methacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Methyl tert-butyl ether	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Methylacrylate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Methylene chloride	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Naphthalene	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
n-Butyl acetate	*	2.0		ND	µg/L	1	10/18/2018 18:57	146910
n-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
n-Heptane	*	5.0		ND	µg/L	1	10/18/2018 18:57	146910
n-Hexane	*	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Nitrobenzene	NELAP	50.0		ND	µg/L	1	10/18/2018 18:57	146910
n-Propylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
o-Xylene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Pentachloroethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
p-Isopropyltoluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Propionitrile	NELAP	10.0		ND	µg/L	1	10/18/2018 18:57	146910
sec-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Styrene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
tert-Butylbenzene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Tetrachloroethene	NELAP	0.5		ND	µg/L	1	10/18/2018 18:57	146910
Tetrahydrofuran	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Toluene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
trans-1,2-Dichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
trans-1,3-Dichloropropene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
trans-1,4-Dichloro-2-butene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Trichloroethene	NELAP	2.0		ND	µg/L	1	10/18/2018 18:57	146910
Trichlorofluoromethane	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910
Vinyl acetate	NELAP	5.0		ND	µg/L	1	10/18/2018 18:57	146910

## Laboratory Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Lab ID:** 18101139-007

**Client Sample ID:** MW2

**Matrix:** GROUNDWATER

**Collection Date:** 10/16/2018 8:10

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
<b>SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>								
Vinyl chloride	NELAP	2.0	J	0.2	µg/L	1	10/18/2018 18:57	146910
Surr: 1,2-Dichloroethane-d4	*	79.6-118		97.6	%REC	1	10/18/2018 18:57	146910
Surr: 4-Bromofluorobenzene	*	83.9-115		96.4	%REC	1	10/18/2018 18:57	146910
Surr: Dibromofluoromethane	*	84.9-113		96.9	%REC	1	10/18/2018 18:57	146910
Surr: Toluene-d8	*	86.7-112		94.2	%REC	1	10/18/2018 18:57	146910

*Allowable Marginal Exceedance of Acetone and Acetonitrile in the laboratory control sample is verified per the TNI Standard.*

## Sample Summary

<http://www.teklabinc.com/>**Client:** XDD, LLC**Work Order:** 18101139**Client Project:** Huster Road GW October 2018**Report Date:** 19-Oct-2018

Lab Sample ID	Client Sample ID	Matrix	Fractions	Collection Date
18101139-001	MW9	Groundwater	1	10/16/2018 8:50
18101139-002	MW14	Groundwater	1	10/16/2018 9:24
18101139-003	MW14-Dup	Groundwater	1	10/16/2018 9:24
18101139-004	MW13	Groundwater	1	10/16/2018 10:24
18101139-005	MW12	Groundwater	1	10/16/2018 11:00
18101139-006	MW11	Groundwater	1	10/16/2018 11:26
18101139-007	MW2	Groundwater	1	10/16/2018 8:10

## Dates Report

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

Sample ID	Client Sample ID	Collection Date	Received Date	Prep Date/Time	Analysis Date/Time
		Test Name			
18101139-001A	MW9	10/16/2018 8:50	10/16/2018 13:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/18/2018 16:19
18101139-002A	MW14	10/16/2018 9:24	10/16/2018 13:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/18/2018 16:45
18101139-003A	MW14-Dup	10/16/2018 9:24	10/16/2018 13:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/18/2018 17:12
18101139-004A	MW13	10/16/2018 10:24	10/16/2018 13:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/18/2018 17:38
18101139-005A	MW12	10/16/2018 11:00	10/16/2018 13:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/18/2018 18:05
18101139-006A	MW11	10/16/2018 11:26	10/16/2018 13:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/18/2018 18:31
18101139-007A	MW2	10/16/2018 8:10	10/16/2018 13:30		
	SW-846 5030, 8260B, Volatile Organic Compounds by GC/MS				10/18/2018 18:57

## Quality Control Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	146910	SampType	MBLK	Units	µg/L	Analyses	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	Date Analyzed
			SampID: MBLK-R181018A-1													
1,1,1,2-Tetrachloroethane				2.0					ND							10/18/2018
1,1,1-Trichloroethane				2.0					ND							10/18/2018
1,1,2,2-Tetrachloroethane				2.0					ND							10/18/2018
1,1,2-Trichloro-1,2,2-trifluoroethane				5.0					ND							10/18/2018
1,1,2-Trichloroethane				0.5					ND							10/18/2018
1,1-Dichloro-2-propanone				30.0					ND							10/18/2018
1,1-Dichloroethane				2.0					ND							10/18/2018
1,1-Dichloroethene				2.0					ND							10/18/2018
1,1-Dichloropropene				2.0					ND							10/18/2018
1,2,3-Trichlorobenzene				2.0					ND							10/18/2018
1,2,3-Trichloropropane				2.0					ND							10/18/2018
1,2,3-Trimethylbenzene				2.0					ND							10/18/2018
1,2,4-Trichlorobenzene				2.0					ND							10/18/2018
1,2,4-Trimethylbenzene				2.0					ND							10/18/2018
1,2-Dibromo-3-chloropropane				5.0					ND							10/18/2018
1,2-Dibromoethane				2.0					ND							10/18/2018
1,2-Dichlorobenzene				2.0					ND							10/18/2018
1,2-Dichloroethane				2.0					ND							10/18/2018
1,2-Dichloropropane				2.0					ND							10/18/2018
1,3,5-Trimethylbenzene				2.0					ND							10/18/2018
1,3-Dichlorobenzene				2.0					ND							10/18/2018
1,3-Dichloropropane				2.0					ND							10/18/2018
1,4-Dichlorobenzene				2.0					ND							10/18/2018
1-Chlorobutane				5.0					ND							10/18/2018
2,2-Dichloropropane				2.0					ND							10/18/2018
2-Butanone				10.0					ND							10/18/2018
2-Chloroethyl vinyl ether				5.0					ND							10/18/2018
2-Chlorotoluene				2.0					ND							10/18/2018
2-Hexanone				10.0					ND							10/18/2018
2-Nitropropane				10.0					ND							10/18/2018
4-Chlorotoluene				2.0					ND							10/18/2018
4-Methyl-2-pentanone				10.0					ND							10/18/2018
Acetone				10.0					ND							10/18/2018
Acetonitrile				10.0					ND							10/18/2018
Acrolein				20.0					ND							10/18/2018
Acrylonitrile				5.0					ND							10/18/2018
Allyl chloride				5.0					ND							10/18/2018
Benzene				0.5					ND							10/18/2018
Bromobenzene				2.0					ND							10/18/2018
Bromochloromethane				2.0					ND							10/18/2018
Bromodichloromethane				2.0					ND							10/18/2018
Bromoform				2.0					ND							10/18/2018
Bromomethane				5.0					ND							10/18/2018
Carbon disulfide				2.0					ND							10/18/2018
Carbon tetrachloride				2.0					ND							10/18/2018
Chlorobenzene				2.0					ND							10/18/2018
Chloroethane				2.0					ND							10/18/2018

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS**

Batch	146910	SampType	MBLK	Units	µg/L						Date Analyzed
Analyses		RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	
Chloroform		2.0		ND							10/18/2018
Chloromethane		5.0		ND							10/18/2018
Chloroprene		5.0		ND							10/18/2018
cis-1,2-Dichloroethene		2.0		ND							10/18/2018
cis-1,3-Dichloropropene		2.0		ND							10/18/2018
cis-1,4-Dichloro-2-butene		2.0		ND							10/18/2018
Cyclohexanone		25.0		ND							10/18/2018
Dibromochloromethane		2.0		ND							10/18/2018
Dibromomethane		2.0		ND							10/18/2018
Dichlorodifluoromethane		2.0		ND							10/18/2018
Ethyl acetate		10.0		ND							10/18/2018
Ethyl ether		5.0		ND							10/18/2018
Ethyl methacrylate		5.0		ND							10/18/2018
Ethylbenzene		2.0		ND							10/18/2018
Hexachlorobutadiene		5.0		ND							10/18/2018
Hexachloroethane		5.0		ND							10/18/2018
Iodomethane		5.0		ND							10/18/2018
Isopropylbenzene		2.0		ND							10/18/2018
m,p-Xylenes		2.0		ND							10/18/2018
Methacrylonitrile		5.0		ND							10/18/2018
Methyl Methacrylate		5.0		ND							10/18/2018
Methyl tert-butyl ether		2.0		ND							10/18/2018
Methylacrylate		5.0		ND							10/18/2018
Methylene chloride		10.0		ND							10/18/2018
Naphthalene		5.0		ND							10/18/2018
n-Butyl acetate		2.0		ND							10/18/2018
n-Butylbenzene		2.0		ND							10/18/2018
n-Heptane		5.0		ND							10/18/2018
n-Hexane		5.0		ND							10/18/2018
Nitrobenzene		50.0		ND							10/18/2018
n-Propylbenzene		2.0		ND							10/18/2018
o-Xylene		2.0		ND							10/18/2018
Pentachloroethane		5.0		ND							10/18/2018
p-Isopropyltoluene		2.0		ND							10/18/2018
Propionitrile		10.0		ND							10/18/2018
sec-Butylbenzene		2.0		ND							10/18/2018
Styrene		2.0		ND							10/18/2018
tert-Butylbenzene		2.0		ND							10/18/2018
Tetrachloroethene		0.5		ND							10/18/2018
Tetrahydrofuran		5.0		ND							10/18/2018
Toluene		2.0		ND							10/18/2018
trans-1,2-Dichloroethene		2.0		ND							10/18/2018
trans-1,3-Dichloropropene		2.0		ND							10/18/2018
trans-1,4-Dichloro-2-butene		2.0		ND							10/18/2018
Trichloroethene		2.0		ND							10/18/2018
Trichlorofluoromethane		5.0		ND							10/18/2018
Vinyl acetate		5.0		ND							10/18/2018



## Quality Control Results

<http://www.teklabinc.com/>

Client: XDD, LLC

Work Order: 18101139

Client Project: Huster Road GW October 2018

Report Date: 19-Oct-2018

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	146910	SampType	MBLK	Units	µg/L							
SampID: MBLK-R181018A-1												
Analyses	RL	Qual		Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	Date Analyzed	
Vinyl chloride	2.0			ND							10/18/2018	
Surr: 1,2-Dichloroethane-d4				47.9	50.00		95.8		79.6	118	10/18/2018	
Surr: 4-Bromofluorobenzene				48.4	50.00		96.9		83.9	115	10/18/2018	
Surr: Dibromofluoromethane				48.6	50.00		97.1		84.9	113	10/18/2018	
Surr: Toluene-d8				48.1	50.00		96.2		86.7	112	10/18/2018	

## Quality Control Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	146910	SampType	LCSD	Units	µg/L	RPD Limit 40						Date Analyzed	
SampID: LCSD-R181018A-1													
Analyses		RL	Qual			Result	Spike	SPK	Ref Val	%REC	RPD	Ref Val	%RPD
1,1,1,2-Tetrachloroethane		2.0				<b>46.2</b>	50.00	0	92.5		47.48	2.65	10/18/2018
1,1,1-Trichloroethane		2.0				<b>46.7</b>	50.00	0	93.3		48.80	4.46	10/18/2018
1,1,2,2-Tetrachloroethane		2.0				<b>48.9</b>	50.00	0	97.8		48.65	0.49	10/18/2018
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0				<b>48.0</b>	50.00	0	96.0		50.70	5.45	10/18/2018
1,1,2-Trichloroethane		0.5				<b>48.4</b>	50.00	0	96.8		48.50	0.21	10/18/2018
1,1-Dichloro-2-propanone		30.0				<b>118</b>	125.0	0	94.4		116.0	1.73	10/18/2018
1,1-Dichloroethane		2.0				<b>48.5</b>	50.00	0	97.0		50.95	4.89	10/18/2018
1,1-Dichloroethene		2.0				<b>49.4</b>	50.00	0	98.7		52.47	6.13	10/18/2018
1,1-Dichloropropene		2.0				<b>48.5</b>	50.00	0	97.0		50.72	4.47	10/18/2018
1,2,3-Trichlorobenzene		2.0				<b>48.6</b>	50.00	0	97.2		49.35	1.53	10/18/2018
1,2,3-Trichloropropane		2.0				<b>46.8</b>	50.00	0	93.5		46.10	1.44	10/18/2018
1,2,3-Trimethylbenzene		2.0				<b>48.2</b>	50.00	0	96.4		49.86	3.36	10/18/2018
1,2,4-Trichlorobenzene		2.0				<b>48.2</b>	50.00	0	96.4		49.72	3.10	10/18/2018
1,2,4-Trimethylbenzene		2.0				<b>47.3</b>	50.00	0	94.7		49.16	3.79	10/18/2018
1,2-Dibromo-3-chloropropane		5.0				<b>44.7</b>	50.00	0	89.5		44.49	0.54	10/18/2018
1,2-Dibromoethane		2.0				<b>48.4</b>	50.00	0	96.9		48.97	1.11	10/18/2018
1,2-Dichlorobenzene		2.0				<b>46.9</b>	50.00	0	93.9		48.26	2.77	10/18/2018
1,2-Dichloroethane		2.0				<b>46.6</b>	50.00	0	93.3		47.30	1.38	10/18/2018
1,2-Dichloropropane		2.0				<b>52.5</b>	50.00	0	105.0		53.80	2.43	10/18/2018
1,3,5-Trimethylbenzene		2.0				<b>47.3</b>	50.00	0	94.5		49.15	3.92	10/18/2018
1,3-Dichlorobenzene		2.0				<b>47.1</b>	50.00	0	94.1		48.48	2.95	10/18/2018
1,3-Dichloropropane		2.0				<b>48.5</b>	50.00	0	97.0		49.05	1.09	10/18/2018
1,4-Dichlorobenzene		2.0				<b>47.2</b>	50.00	0	94.4		48.68	3.09	10/18/2018
1-Chlorobutane		5.0				<b>50.2</b>	50.00	0	100.5		52.68	4.76	10/18/2018
2,2-Dichloropropane		2.0				<b>50.3</b>	50.00	0	100.6		52.75	4.75	10/18/2018
2-Butanone		10.0				<b>147</b>	125.0	0	117.9		147.1	0.19	10/18/2018
2-Chloroethyl vinyl ether		5.0				<b>54.2</b>	50.00	0	108.4		54.14	0.09	10/18/2018
2-Chlorotoluene		2.0				<b>46.5</b>	50.00	0	93.0		47.89	2.97	10/18/2018
2-Hexanone		10.0				<b>129</b>	125.0	0	103.5		128.0	1.13	10/18/2018
2-Nitropropane		10.0				<b>551</b>	500.0	0	110.2		539.8	2.02	10/18/2018
4-Chlorotoluene		2.0				<b>46.9</b>	50.00	0	93.9		48.24	2.75	10/18/2018
4-Methyl-2-pentanone		10.0				<b>131</b>	125.0	0	105.0		129.4	1.41	10/18/2018
Acetone		10.0	S			<b>161</b>	125.0	0	128.6		160.8	0.02	10/18/2018
Acetonitrile		10.0	S			<b>685</b>	500.0	0	136.9		662.7	3.25	10/18/2018
Acrolein		20.0				<b>463</b>	500.0	0	92.6		443.0	4.43	10/18/2018
Acrylonitrile		5.0				<b>60.9</b>	50.00	0	121.8		59.80	1.84	10/18/2018
Allyl chloride		5.0				<b>54.8</b>	50.00	0	109.6		53.86	1.73	10/18/2018
Benzene		0.5				<b>51.0</b>	50.00	0	102.1		52.48	2.78	10/18/2018
Bromobenzene		2.0				<b>45.9</b>	50.00	0	91.9		47.19	2.68	10/18/2018
Bromochloromethane		2.0				<b>48.8</b>	50.00	0	97.6		49.84	2.09	10/18/2018
Bromodichloromethane		2.0				<b>50.0</b>	50.00	0	100.0		51.10	2.16	10/18/2018
Bromoform		2.0				<b>47.1</b>	50.00	0	94.2		47.15	0.08	10/18/2018
Bromomethane		5.0				<b>32.0</b>	50.00	0	64.1		29.62	7.88	10/18/2018
Carbon disulfide		2.0				<b>51.1</b>	50.00	0	102.1		53.93	5.47	10/18/2018
Carbon tetrachloride		2.0				<b>46.1</b>	50.00	0	92.2		48.85	5.75	10/18/2018
Chlorobenzene		2.0				<b>48.3</b>	50.00	0	96.6		49.71	2.88	10/18/2018
Chloroethane		2.0				<b>52.5</b>	50.00	0	104.9		55.28	5.23	10/18/2018

## Quality Control Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	146910	SampType	LCSD	Units	µg/L	RPD Limit 40									Date Analyzed
				Sample ID:	LCSD-R181018A-1	Analyses	RL	Qual	Result	Spike	SPK Ref Val	%REC	RPD Ref Val	%RPD	
Chloroform				2.0		<b>50.3</b>	50.00	0	100.5		52.04		3.46		10/18/2018
Chloromethane				5.0		<b>43.3</b>	50.00	0	86.5		46.09		6.31		10/18/2018
Chloroprene				5.0		<b>49.2</b>	50.00	0	98.3		51.80		5.25		10/18/2018
cis-1,2-Dichloroethene				2.0		<b>49.9</b>	50.00	0	99.8		51.65		3.43		10/18/2018
cis-1,3-Dichloropropene				2.0		<b>50.8</b>	50.00	0	101.5		51.70		1.82		10/18/2018
cis-1,4-Dichloro-2-butene				2.0		<b>42.7</b>	50.00	0	85.4		43.28		1.40		10/18/2018
Cyclohexanone				25.0		<b>753</b>	500.0	0	150.6		742.9		1.34		10/18/2018
Dibromochloromethane				2.0		<b>47.3</b>	50.00	0	94.6		48.62		2.77		10/18/2018
Dibromomethane				2.0		<b>50.6</b>	50.00	0	101.3		51.07		0.83		10/18/2018
Dichlorodifluoromethane				2.0		<b>39.7</b>	50.00	0	79.4		41.93		5.44		10/18/2018
Ethyl acetate				10.0		<b>54.4</b>	50.00	0	108.8		52.52		3.48		10/18/2018
Ethyl ether				5.0		<b>53.5</b>	50.00	0	106.9		54.22		1.39		10/18/2018
Ethyl methacrylate				5.0		<b>50.2</b>	50.00	0	100.4		50.62		0.83		10/18/2018
Ethylbenzene				2.0		<b>47.9</b>	50.00	0	95.8		50.06		4.37		10/18/2018
Hexachlorobutadiene				5.0		<b>47.3</b>	50.00	0	94.6		49.93		5.45		10/18/2018
Hexachloroethane				5.0		<b>41.9</b>	50.00	0	83.7		43.86		4.64		10/18/2018
Iodomethane				5.0		<b>21.3</b>	50.00	0	42.7		23.27		8.65		10/18/2018
Isopropylbenzene				2.0		<b>48.7</b>	50.00	0	97.3		51.00		4.70		10/18/2018
m,p-Xylenes				2.0		<b>96.0</b>	100.0	0	96.0		100.7		4.80		10/18/2018
Methacrylonitrile				5.0		<b>54.8</b>	50.00	0	109.6		54.45		0.60		10/18/2018
Methyl Methacrylate				5.0		<b>53.0</b>	50.00	0	106.0		52.98		0.08		10/18/2018
Methyl tert-butyl ether				2.0		<b>50.7</b>	50.00	0	101.4		51.21		1.00		10/18/2018
Methylacrylate				5.0		<b>49.7</b>	50.00	0	99.4		49.99		0.62		10/18/2018
Methylene chloride				10.0		<b>52.9</b>	50.00	0	105.8		54.00		2.10		10/18/2018
Naphthalene				5.0		<b>49.9</b>	50.00	0	99.8		49.40		1.05		10/18/2018
n-Butyl acetate				2.0		<b>49.8</b>	50.00	0	99.7		49.62		0.42		10/18/2018
n-Butylbenzene				2.0		<b>46.6</b>	50.00	0	93.3		49.94		6.83		10/18/2018
n-Heptane				5.0		<b>49.8</b>	50.00	0	99.5		54.82		9.70		10/18/2018
n-Hexane				5.0		<b>53.1</b>	50.00	0	106.2		58.07		8.92		10/18/2018
Nitrobenzene				50.0		<b>538</b>	500.0	0	107.6		489.6		9.39		10/18/2018
n-Propylbenzene				2.0		<b>46.3</b>	50.00	0	92.6		48.48		4.58		10/18/2018
o-Xylene				2.0		<b>48.4</b>	50.00	0	96.8		50.06		3.33		10/18/2018
Pentachloroethane				5.0		<b>45.8</b>	50.00	0	91.7		46.88		2.27		10/18/2018
p-Isopropyltoluene				2.0		<b>47.9</b>	50.00	0	95.8		50.74		5.78		10/18/2018
Propionitrile				10.0		<b>617</b>	500.0	0	123.4		606.6		1.73		10/18/2018
sec-Butylbenzene				2.0		<b>47.6</b>	50.00	0	95.2		50.06		5.06		10/18/2018
Styrene				2.0		<b>50.2</b>	50.00	0	100.3		51.92		3.47		10/18/2018
tert-Butylbenzene				2.0		<b>44.5</b>	50.00	0	89.0		46.70		4.85		10/18/2018
Tetrachloroethene				0.5		<b>46.0</b>	50.00	0	92.0		48.36		5.02		10/18/2018
Tetrahydrofuran				5.0		<b>55.8</b>	50.00	0	111.7		54.29		2.83		10/18/2018
Toluene				2.0		<b>47.8</b>	50.00	0	95.6		49.17		2.87		10/18/2018
trans-1,2-Dichloroethene				2.0		<b>49.8</b>	50.00	0	99.6		52.66		5.58		10/18/2018
trans-1,3-Dichloropropene				2.0		<b>48.4</b>	50.00	0	96.8		48.78		0.82		10/18/2018
trans-1,4-Dichloro-2-butene				2.0		<b>41.5</b>	50.00	0	83.0		41.34		0.43		10/18/2018
Trichloroethene				2.0		<b>49.9</b>	50.00	0	99.8		52.37		4.79		10/18/2018
Trichlorofluoromethane				5.0		<b>46.7</b>	50.00	0	93.3		49.16		5.20		10/18/2018
Vinyl acetate				5.0		<b>48.7</b>	50.00	0	97.4		50.80		4.18		10/18/2018

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	146910	SampType	LCSD	Units	µg/L	RPD Limit 40						
Analyses		RL	Qual	Result	Spike	SPK	Ref Val	%REC	RPD	Ref Val	%RPD	Date Analyzed
Vinyl chloride		2.0		<b>51.7</b>	50.00	0	103.4		54.44		5.20	10/18/2018
Surr: 1,2-Dichloroethane-d4				<b>47.6</b>	50.00		95.3					10/18/2018
Surr: 4-Bromofluorobenzene				<b>48.4</b>	50.00		96.7					10/18/2018
Surr: Dibromofluoromethane				<b>48.8</b>	50.00		97.7					10/18/2018
Surr: Toluene-d8				<b>48.3</b>	50.00		96.6					10/18/2018

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

## SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	146910	SampType	LCS	Units	µg/L						Date Analyzed
SampID:	LCS-R181018A-1										
Analyses		RL	Qual		Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit
1,1,1,2-Tetrachloroethane		2.0			<b>47.5</b>	50.00	0	95.0		83.4	118
1,1,1-Trichloroethane		2.0			<b>48.8</b>	50.00	0	97.6		79.1	123
1,1,2,2-Tetrachloroethane		2.0			<b>48.6</b>	50.00	0	97.3		70.7	121
1,1,2-Trichloro-1,2,2-trifluoroethane		5.0			<b>50.7</b>	50.00	0	101.4		75.2	133
1,1,2-Trichloroethane		0.5			<b>48.5</b>	50.00	0	97.0		79.8	117
1,1-Dichloro-2-propanone		30.0			<b>116</b>	125.0	0	92.8		63.8	122
1,1-Dichloroethane		2.0			<b>51.0</b>	50.00	0	101.9		75.1	122
1,1-Dichloroethene		2.0			<b>52.5</b>	50.00	0	104.9		68.3	121
1,1-Dichloropropene		2.0			<b>50.7</b>	50.00	0	101.4		76.7	122
1,2,3-Trichlorobenzene		2.0			<b>49.4</b>	50.00	0	98.7		77.1	130
1,2,3-Trichloropropane		2.0			<b>46.1</b>	50.00	0	92.2		70.6	114
1,2,3-Trimethylbenzene		2.0			<b>49.9</b>	50.00	0	99.7		77.4	117
1,2,4-Trichlorobenzene		2.0			<b>49.7</b>	50.00	0	99.4		79.6	128
1,2,4-Trimethylbenzene		2.0			<b>49.2</b>	50.00	0	98.3		78.9	117
1,2-Dibromo-3-chloropropane		5.0			<b>44.5</b>	50.00	0	89.0		68.1	123
1,2-Dibromoethane		2.0			<b>49.0</b>	50.00	0	97.9		82.9	114
1,2-Dichlorobenzene		2.0			<b>48.3</b>	50.00	0	96.5		75.2	120
1,2-Dichloroethane		2.0			<b>47.3</b>	50.00	0	94.6		76.9	117
1,2-Dichloropropane		2.0			<b>53.8</b>	50.00	0	107.6		76.4	121
1,3,5-Trimethylbenzene		2.0			<b>49.2</b>	50.00	0	98.3		79.8	118
1,3-Dichlorobenzene		2.0			<b>48.5</b>	50.00	0	97.0		80.5	119
1,3-Dichloropropane		2.0			<b>49.0</b>	50.00	0	98.1		77.5	113
1,4-Dichlorobenzene		2.0			<b>48.7</b>	50.00	0	97.4		80.2	115
1-Chlorobutane		5.0			<b>52.7</b>	50.00	0	105.4		75.1	123
2,2-Dichloropropane		2.0			<b>52.8</b>	50.00	0	105.5		62.4	151
2-Butanone		10.0			<b>147</b>	125.0	0	117.7		65.7	120
2-Chloroethyl vinyl ether		5.0			<b>54.1</b>	50.00	0	108.3		31.5	159
2-Chlorotoluene		2.0			<b>47.9</b>	50.00	0	95.8		76	117
2-Hexanone		10.0			<b>128</b>	125.0	0	102.4		65.1	121
2-Nitropropane		10.0			<b>540</b>	500.0	0	108.0		70.5	133
4-Chlorotoluene		2.0			<b>48.2</b>	50.00	0	96.5		77	117
4-Methyl-2-pentanone		10.0			<b>129</b>	125.0	0	103.5		69.6	117
Acetone		10.0	S		<b>161</b>	125.0	0	128.6		47.5	123
Acetonitrile		10.0			<b>663</b>	500.0	0	132.5		56	136
Acrolein		20.0			<b>443</b>	500.0	0	88.6		27	164
Acrylonitrile		5.0			<b>59.8</b>	50.00	0	119.6		74.8	127
Allyl chloride		5.0			<b>53.9</b>	50.00	0	107.7		66.3	134
Benzene		0.5			<b>52.5</b>	50.00	0	105.0		75.8	121
Bromobenzene		2.0			<b>47.2</b>	50.00	0	94.4		72.7	119
Bromochloromethane		2.0			<b>49.8</b>	50.00	0	99.7		69	123
Bromodichloromethane		2.0			<b>51.1</b>	50.00	0	102.2		80.8	128
Bromoform		2.0			<b>47.2</b>	50.00	0	94.3		85.5	128
Bromomethane		5.0			<b>29.6</b>	50.00	0	59.2		-36.7	277
Carbon disulfide		2.0			<b>53.9</b>	50.00	0	107.9		64.9	133
Carbon tetrachloride		2.0			<b>48.8</b>	50.00	0	97.7		79.5	129
Chlorobenzene		2.0			<b>49.7</b>	50.00	0	99.4		82.1	113
Chloroethane		2.0			<b>55.3</b>	50.00	0	110.6		43.9	138

## Quality Control Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	146910	SampType	LCS	Units	µg/L	Analyses	RL	Qual	Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	Date Analyzed
SampID:	LCS-R181018A-1															
Chloroform			2.0			52.0	50.00	0	104.1					80.1	122	10/18/2018
Chloromethane			5.0			46.1	50.00	0	92.2					50.8	131	10/18/2018
Chloroprene			5.0			51.8	50.00	0	103.6					74.4	123	10/18/2018
cis-1,2-Dichloroethene			2.0			51.6	50.00	0	103.3					78.6	119	10/18/2018
cis-1,3-Dichloropropene			2.0			51.7	50.00	0	103.4					79	129	10/18/2018
cis-1,4-Dichloro-2-butene			2.0			43.3	50.00	0	86.6					59.7	125	10/18/2018
Cyclohexanone			25.0			743	500.0	0	148.6					15.1	162	10/18/2018
Dibromochloromethane			2.0			48.6	50.00	0	97.2					88.1	123	10/18/2018
Dibromomethane			2.0			51.1	50.00	0	102.1					75.3	120	10/18/2018
Dichlorodifluoromethane			2.0			41.9	50.00	0	83.9					35.7	155	10/18/2018
Ethyl acetate			10.0			52.5	50.00	0	105.0					66.6	119	10/18/2018
Ethyl ether			5.0			54.2	50.00	0	108.4					74.4	120	10/18/2018
Ethyl methacrylate			5.0			50.6	50.00	0	101.2					80.6	123	10/18/2018
Ethylbenzene			2.0			50.1	50.00	0	100.1					80.7	114	10/18/2018
Hexachlorobutadiene			5.0			49.9	50.00	0	99.9					68.2	141	10/18/2018
Hexachloroethane			5.0			43.9	50.00	0	87.7					69.4	125	10/18/2018
Iodomethane			5.0			23.3	50.00	0	46.5					-19.1	196	10/18/2018
Isopropylbenzene			2.0			51.0	50.00	0	102.0					81.3	116	10/18/2018
m,p-Xylenes			2.0			101	100.0	0	100.7					80.5	113	10/18/2018
Methacrylonitrile			5.0			54.4	50.00	0	108.9					75.3	122	10/18/2018
Methyl Methacrylate			5.0			53.0	50.00	0	106.0					71.9	121	10/18/2018
Methyl tert-butyl ether			2.0			51.2	50.00	0	102.4					79.5	121	10/18/2018
Methylacrylate			5.0			50.0	50.00	0	100.0					71.2	129	10/18/2018
Methylene chloride			10.0			54.0	50.00	0	108.0					76.2	119	10/18/2018
Naphthalene			5.0			49.4	50.00	0	98.8					76.1	129	10/18/2018
n-Butyl acetate			2.0			49.6	50.00	0	99.2					62.9	121	10/18/2018
n-Butylbenzene			2.0			49.9	50.00	0	99.9					71.6	122	10/18/2018
n-Heptane			5.0			54.8	50.00	0	109.6					55.1	130	10/18/2018
n-Hexane			5.0			58.1	50.00	0	116.1					61.9	131	10/18/2018
Nitrobenzene			50.0			490	500.0	0	97.9					32.2	151	10/18/2018
n-Propylbenzene			2.0			48.5	50.00	0	97.0					76	120	10/18/2018
o-Xylene			2.0			50.1	50.00	0	100.1					79.7	112	10/18/2018
Pentachloroethane			5.0			46.9	50.00	0	93.8					78.3	128	10/18/2018
p-Isopropyltoluene			2.0			50.7	50.00	0	101.5					76.2	122	10/18/2018
Propionitrile			10.0			607	500.0	0	121.3					67.8	125	10/18/2018
sec-Butylbenzene			2.0			50.1	50.00	0	100.1					76.6	119	10/18/2018
Styrene			2.0			51.9	50.00	0	103.8					82.8	116	10/18/2018
tert-Butylbenzene			2.0			46.7	50.00	0	93.4					74.7	117	10/18/2018
Tetrachloroethene			0.5			48.4	50.00	0	96.7					80.6	122	10/18/2018
Tetrahydrofuran			5.0			54.3	50.00	0	108.6					65.4	116	10/18/2018
Toluene			2.0			49.2	50.00	0	98.3					78.3	112	10/18/2018
trans-1,2-Dichloroethene			2.0			52.7	50.00	0	105.3					73.5	124	10/18/2018
trans-1,3-Dichloropropene			2.0			48.8	50.00	0	97.6					83.4	124	10/18/2018
trans-1,4-Dichloro-2-butene			2.0			41.3	50.00	0	82.7					58.9	132	10/18/2018
Trichloroethene			2.0			52.4	50.00	0	104.7					74.3	125	10/18/2018
Trichlorofluoromethane			5.0			49.2	50.00	0	98.3					71.5	136	10/18/2018
Vinyl acetate			5.0			50.8	50.00	0	101.6					65.9	136	10/18/2018

## Quality Control Results

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

### SW-846 5030, 8260B, VOLATILE ORGANIC COMPOUNDS BY GC/MS

Batch	146910	SampType	LCS	Units	µg/L								
SampID: LCS-R181018A-1													
Analyses		RL	Qual			Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	Date Analyzed
Vinyl chloride		2.0				54.4	50.00	0	108.9		55.8	135	10/18/2018
Surr: 1,2-Dichloroethane-d4						47.4	50.00			94.7	79.6	118	10/18/2018
Surr: 4-Bromofluorobenzene						48.4	50.00			96.7	83.9	115	10/18/2018
Surr: Dibromofluoromethane						48.5	50.00			97.0	84.9	113	10/18/2018
Surr: Toluene-d8						48.0	50.00			96.0	86.7	112	10/18/2018

### Batch 146910 SampType: MS Units µg/L

Batch	146910	SampType	MS	Units	µg/L								
SampID: 18101139-004AMS													
Analyses		RL	Qual			Result	Spike	SPK	Ref Val	%REC	Low Limit	High Limit	Date Analyzed
1,1-Dichloroethene		200				4910	5000	24.00	97.7		35.7	136	10/18/2018
Benzene		50.0				5140	5000	0	102.9		62.5	121	10/18/2018
Chlorobenzene		200				4720	5000	0	94.4		78.6	114	10/18/2018
Ethylbenzene		200				4970	5000	0	99.5		74.4	130	10/18/2018
m,p-Xylenes		200				4880	5000	0	97.6		70.5	126	10/18/2018
o-Xylene		200				4860	5000	0	97.1		71.2	124	10/18/2018
Toluene		200				4640	5000	0	92.8		69.5	118	10/18/2018
Trichloroethene		200				5110	5000	0	102.2		69.4	117	10/18/2018
Surr: 1,2-Dichloroethane-d4						4800	5000			96.0	74.7	129	10/18/2018
Surr: 4-Bromofluorobenzene						4910	5000			98.1	86	119	10/18/2018
Surr: Dibromofluoromethane						4810	5000			96.1	81.7	123	10/18/2018
Surr: Toluene-d8						4760	5000			95.2	84.3	114	10/18/2018

### Batch 146910 SampType: MSD Units µg/L RPD Limit 20

Batch	146910	SampType	MSD	Units	µg/L								
SampID: 18101139-004AMSD													
Analyses		RL	Qual			Result	Spike	SPK	Ref Val	%REC	RPD Ref Val	%RPD	Date Analyzed
1,1-Dichloroethene		200				4780	5000	24.00	95.1		4908	2.68	10/18/2018
Benzene		50.0				5050	5000	0	101.0		5144	1.88	10/18/2018
Chlorobenzene		200				4660	5000	0	93.3		4721	1.19	10/18/2018
Ethylbenzene		200				4860	5000	0	97.1		4974	2.40	10/18/2018
m,p-Xylenes		200				4780	5000	0	95.6		4879	2.01	10/18/2018
o-Xylene		200				4770	5000	0	95.5		4855	1.70	10/18/2018
Toluene		200				4560	5000	0	91.1		4642	1.87	10/18/2018
Trichloroethene		200				4980	5000	0	99.7		5109	2.50	10/18/2018
Surr: 1,2-Dichloroethane-d4						4750	5000			95.0			10/18/2018
Surr: 4-Bromofluorobenzene						4920	5000			98.3			10/18/2018
Surr: Dibromofluoromethane						4830	5000			96.6			10/18/2018
Surr: Toluene-d8						4740	5000			94.8			10/18/2018

## Receiving Check List

<http://www.teklabinc.com/>

**Client:** XDD, LLC

**Work Order:** 18101139

**Client Project:** Huster Road GW October 2018

**Report Date:** 19-Oct-2018

**Carrier:** Employee

**Received By:** AMD

**Completed by:**

**On:**

16-Oct-2018

  
Amber M. Dilallo

**Reviewed by:**

**On:**

16-Oct-2018



Elizabeth A. Hurley

**Pages to follow:** Chain of custody

Extra pages included

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C <b>6.82</b>
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.</i>				
Water – at least one vial per sample has zero headspace?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>	
NPDES/CWA TCN interferences checked/treated in the field?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	

**Any No responses must be detailed below or on the COC.**

## CHAIN OF CUSTODY

pg. 1 of 1 Work order # 18101139

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

<b>Client:</b> XDD, LLC <b>Address:</b> 11171 Forest Haven Road <b>City / State / Zip</b> Festus, MO 63028 <b>Contact:</b> Derek Ingram <b>Phone:</b> (314) 609-3065 <b>E-Mail:</b> ingram@xdd-llc.com <b>Fax:</b>				<b>Samples on:</b> <input checked="" type="checkbox"/> ICE <input type="checkbox"/> BLUE ICE <input type="checkbox"/> NO ICE <b>6.82 °C</b> <b>Preserved in:</b> <input type="checkbox"/> LAB <input type="checkbox"/> FIELD <b>FOR LAB USE ONLY</b> <b>Lab Notes</b> <i>SHS smo 10/16/18</i>																	
Are these samples known to be involved in litigation? If yes, a surcharge will apply <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are these samples known to be hazardous? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in the comment section. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<b>Client Comments:</b> Volatile 8260 LRL: Tetrachloroethene, Trichloroethene, cis-1,2-dichloroethene, Vinyl Chloride. Tetrachloroethane must be below RL of 0.8.																	
Project Name/Number		Sample Collector's Name		MATRIX		INDICATE ANALYSIS REQUESTED															
Huster Road GW October 2018				VOC 8260																	
Results Requested		Billing Instructions		# and Type of Containers																	
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> 1-2 Day (100% Surcharge)			UNPRES	HNO3	NaOH	H2SO4	HCl	MeOH	NaHSO4	OTHER	Drinking Water	Groundwater	Special Waste	Sludge	Soil	Aqueous				
Lab Use Only	Sample Identification	Date/Time Sampled																			
1810189- 001	MW19	10/16 0850		3																	
002	MW14	10/16 0924		2																	
003	MW14-DUP	10/16 0924		2																	
004	MW13	10/16 1024		2																	
005	MW12	10/16 1100		2																	
006	MW11	10/16 1126		2																	
007	MW12	10/16 0810		2																	
Relinquished By				Date/Time				Received By				Date/Time									
<i>R. R. G.</i>				10/16/18 1330				<i>C. Dillito</i>				10/16/18 1330									
The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See <a href="http://www.teklabinc.com">www.teklabinc.com</a> for terms and conditions.																BottleOrder:	46716				
																	<i>D. Dillito</i>				